

## Identity of mAbs specific for CCR5 transfectants

staining with mAb 5C7

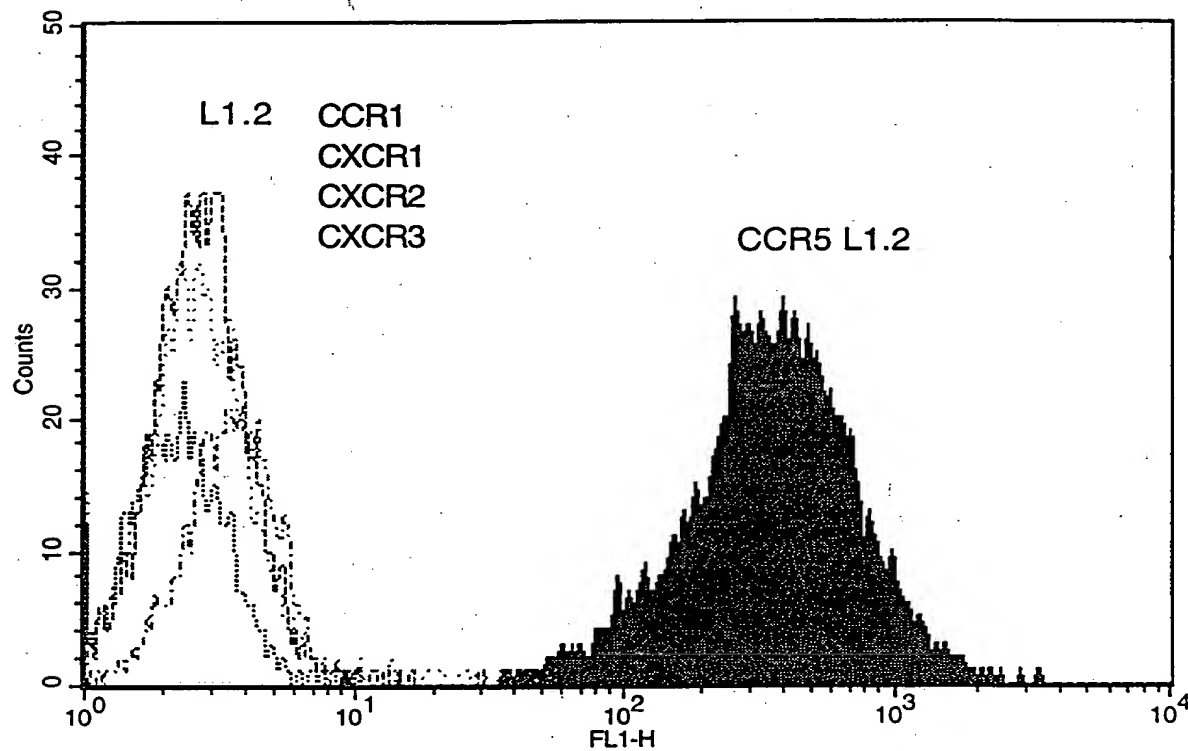
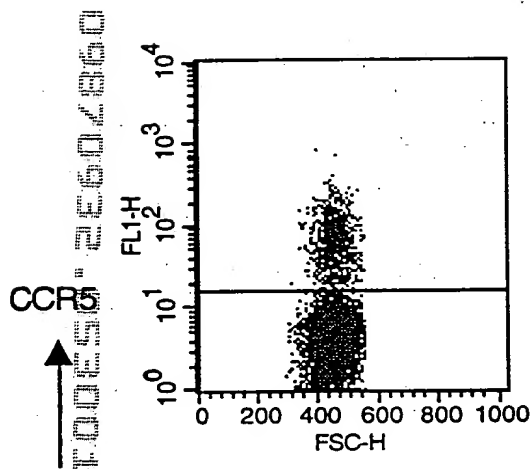


FIGURE 1

## Expression of CCR5 on PBMC of different donors

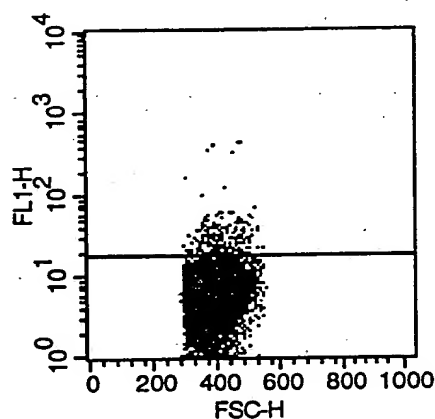
**Donor 5**  
Normal WT



forward scatter →

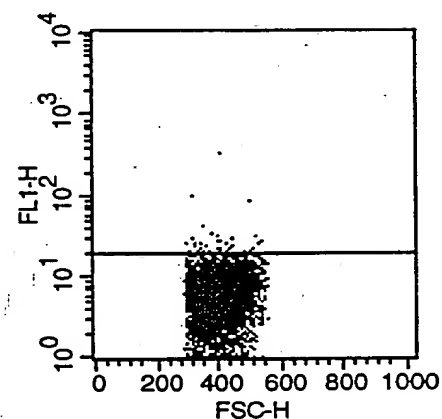
**FIGURE 2A**

**Donor 3**  
Heterozygous



**FIGURE 2B**

**Donor 1**  
Homozygous



**FIGURE 2C**

100250 2E602860

Docket No.: 1855.1032-004

Title: Anti-CCR5 Antibodies and Methods

Inventors: Lijun Wu, *et al.*

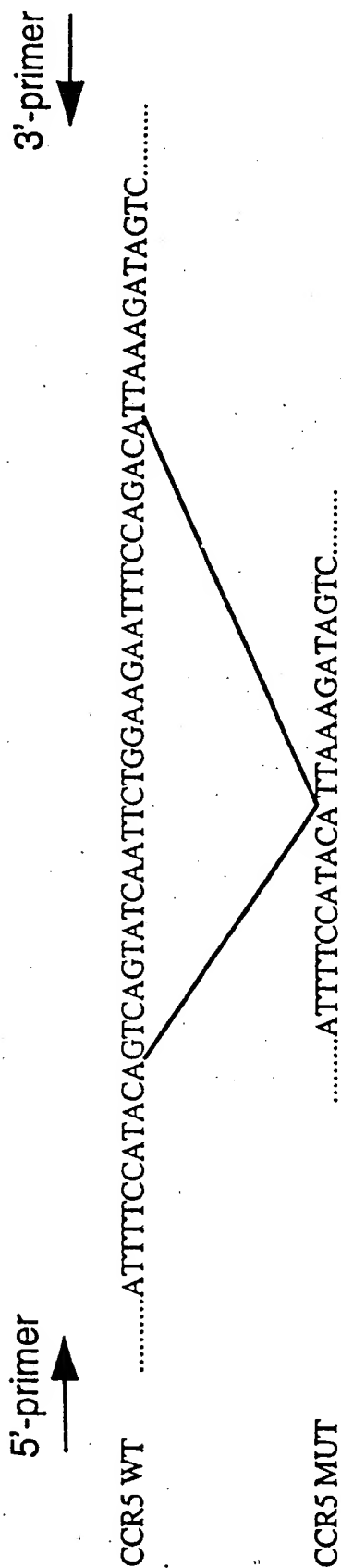
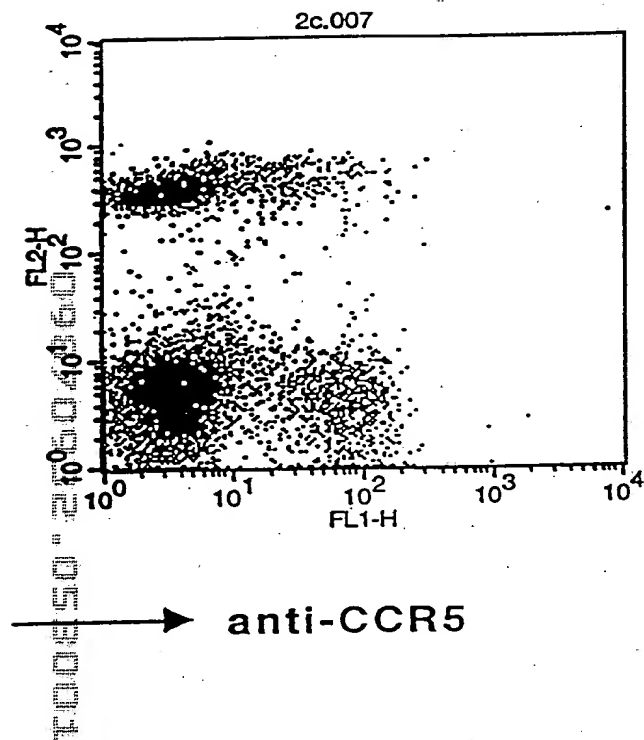


FIG. 3A



# CCR5 is expressed predominantly on CD8+ T cells

CD4



anti-CCR5

FIGURE 4A

CD8

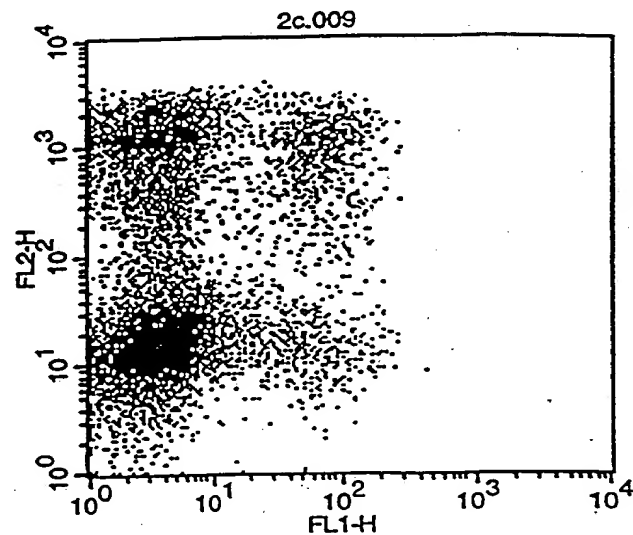


FIGURE 4B

# CCR5 is expressed on a subset of memory (CD45RO+) T cells

CD45RO

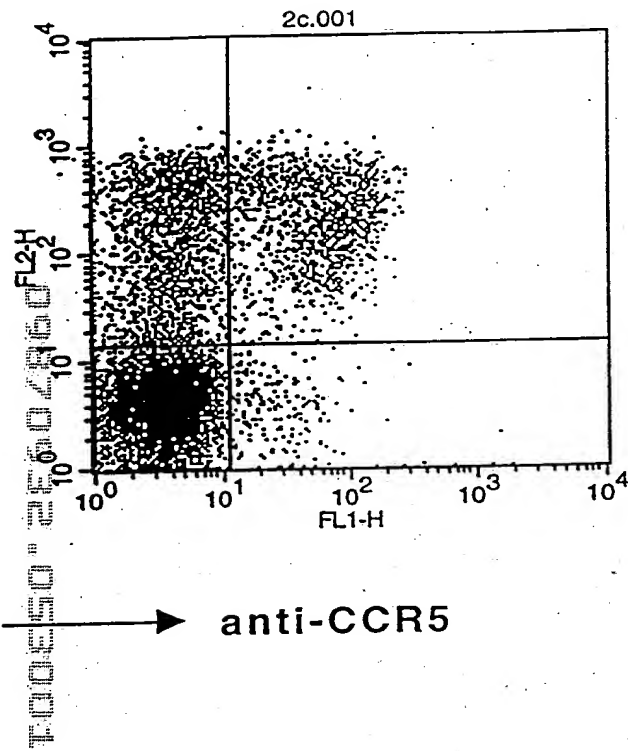


FIGURE 5A

CD45RA

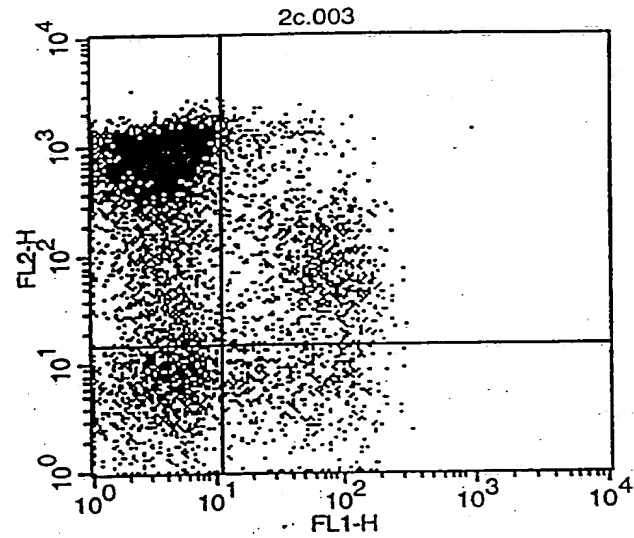


FIGURE 5B

# CCR5 is expressed on a particular type of activated T cell

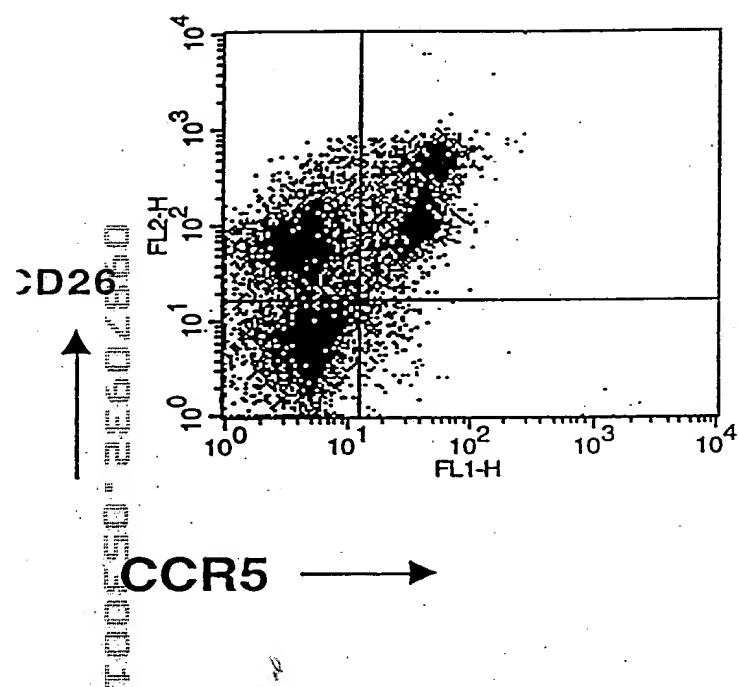


FIGURE 5C

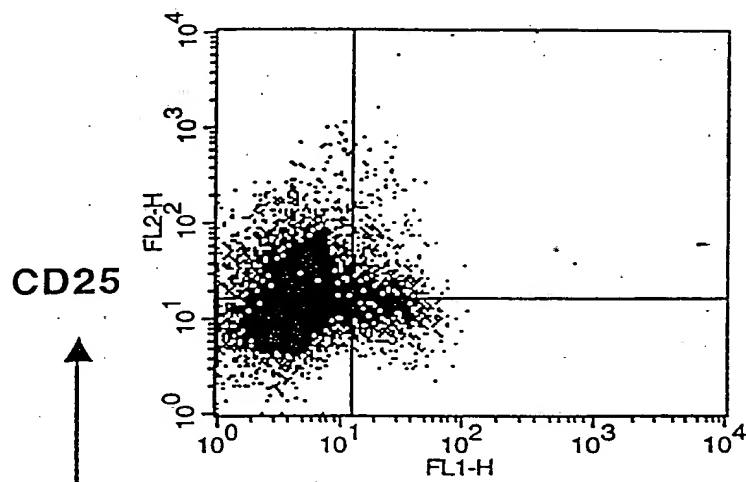


FIGURE 5D

Figure 6A

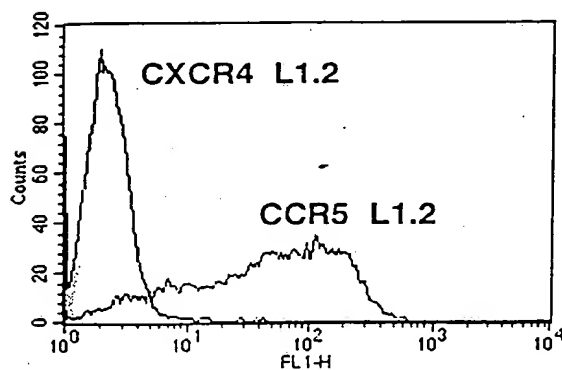
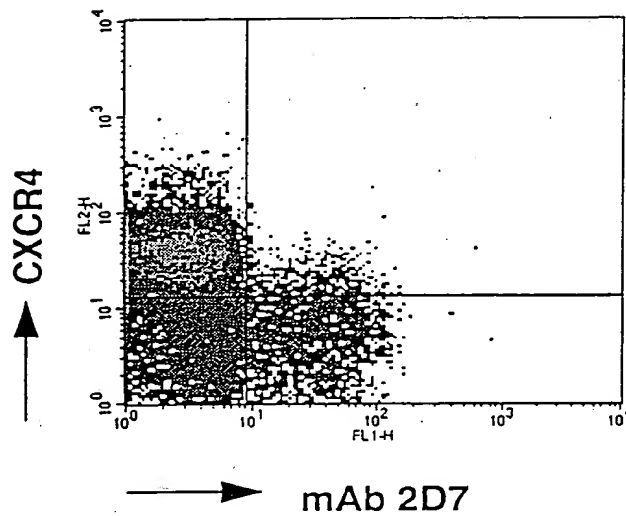


Figure 6B





		Antibody Staining				
		3A9	5C7	2D7	5A11 (CCR2)	7D9 (CXCR1)
Untransfected		neg	neg	neg	neg	ND
CCR2b	Δ <sup>2-5</sup>	neg	neg	neg	+	neg
CCR5	Δ <sup>2-5</sup>	++	++	++	neg	neg
C25-01	Δ <sup>2-5</sup>	neg	neg	+++	+++	neg
C25-06	Δ <sup>2-5</sup>	++	++	neg	neg	neg
C25-28	Δ <sup>2-5</sup>	+++	+++	neg	neg	neg
C25-17	Δ <sup>2-9</sup>	neg	neg	+++	neg	neg
C25-18	Δ <sup>2-9</sup>	neg	neg	+++	neg	neg
C25-19	Δ <sup>2-13</sup>	neg	neg	+++	neg	neg
C25-20	Δ <sup>2-17</sup>	neg	neg	+++	neg	neg
C25-02	Δ <sup>2-17</sup>	neg	neg	+++	+++	neg
C25-03	Δ <sup>2-17</sup>	neg	neg	neg	+++	neg
C25-07	Δ <sup>2-17</sup>	++	++	neg	neg	neg
C25-14	Δ <sup>2-17</sup>	neg	neg	++	++	neg

Figure 7

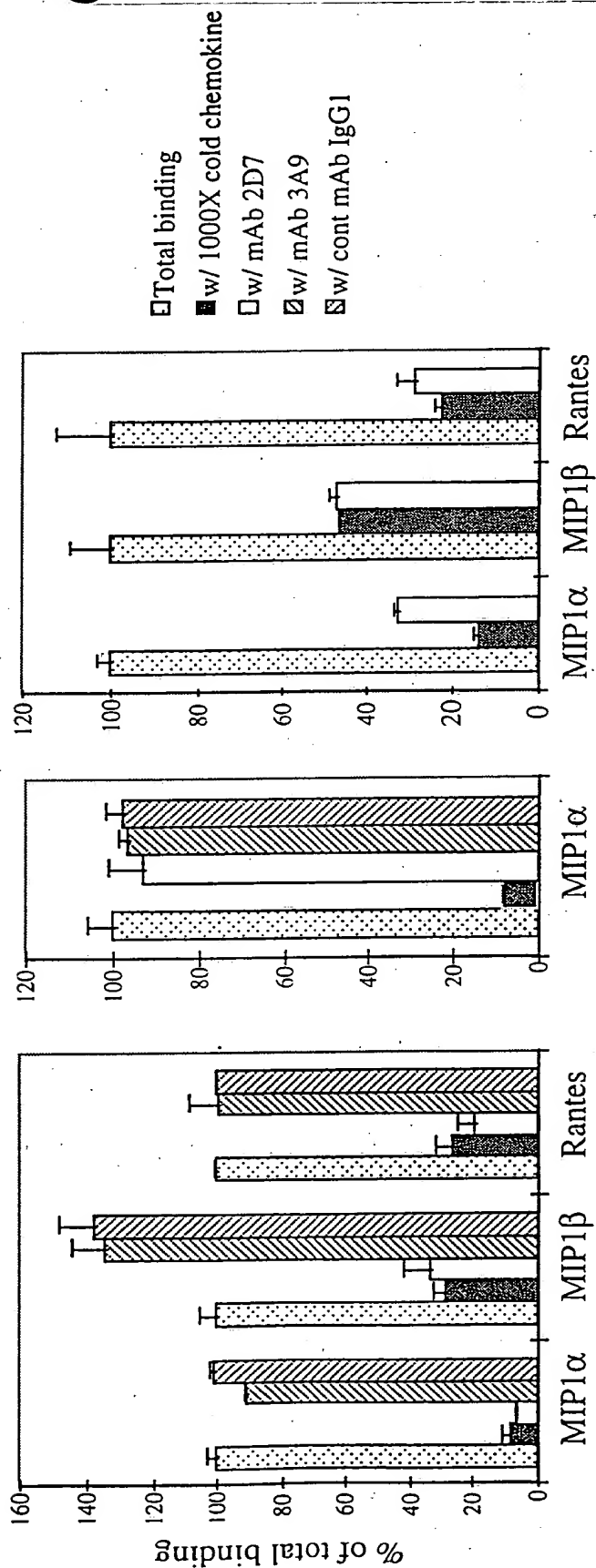


Figure 8C

Figure 8B

Figure 8A

Figure 9A

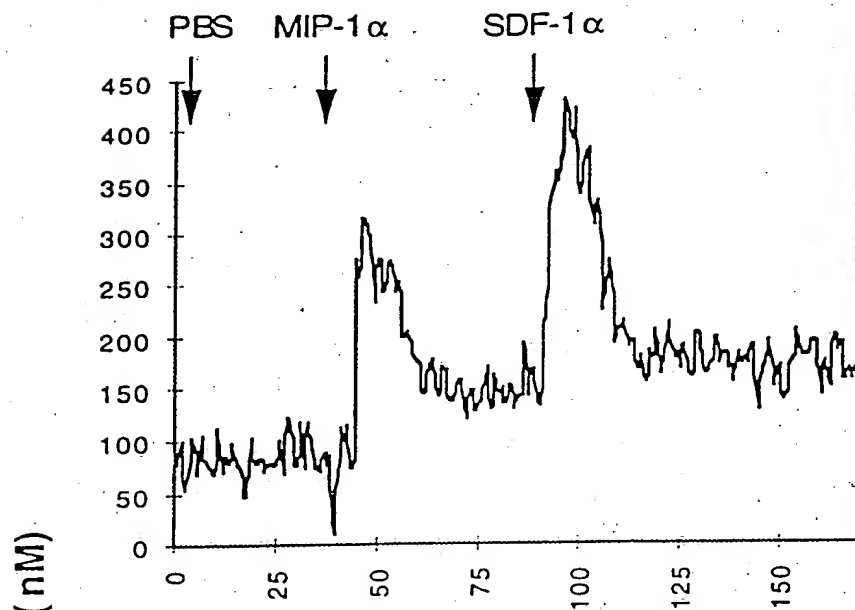


Figure 9B

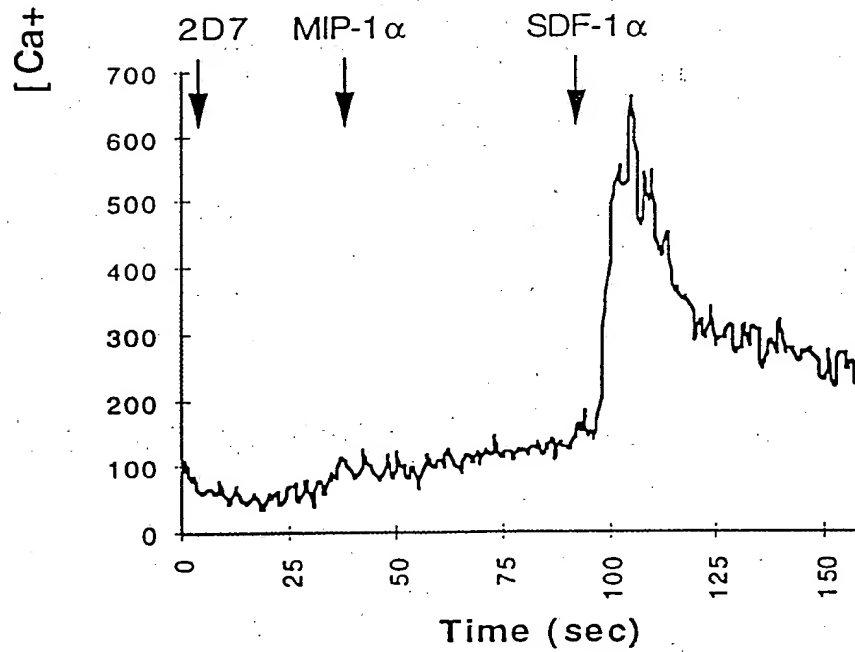


Figure 10A

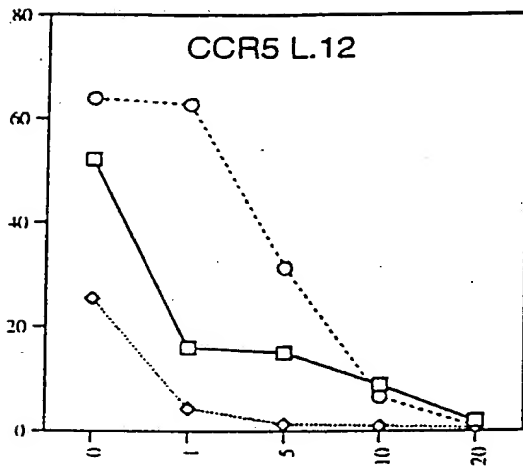


Figure 10B

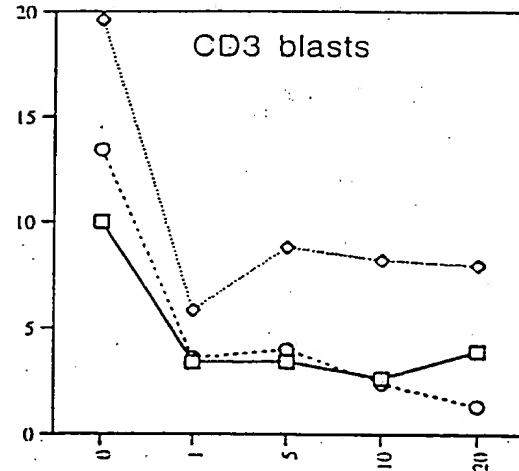
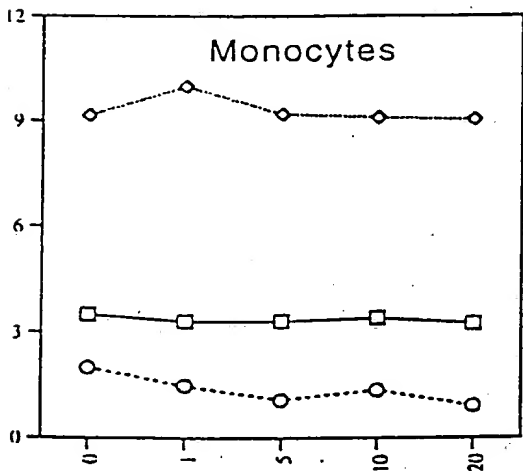
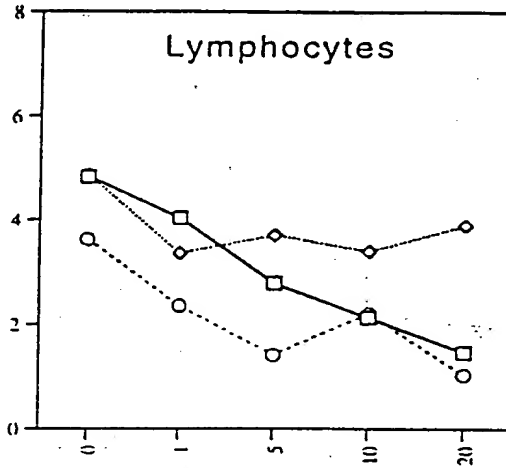
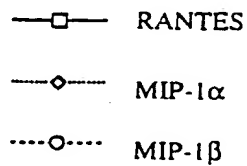


Figure 10C

mAb 2D7 [μg/ml]

Figure 10D



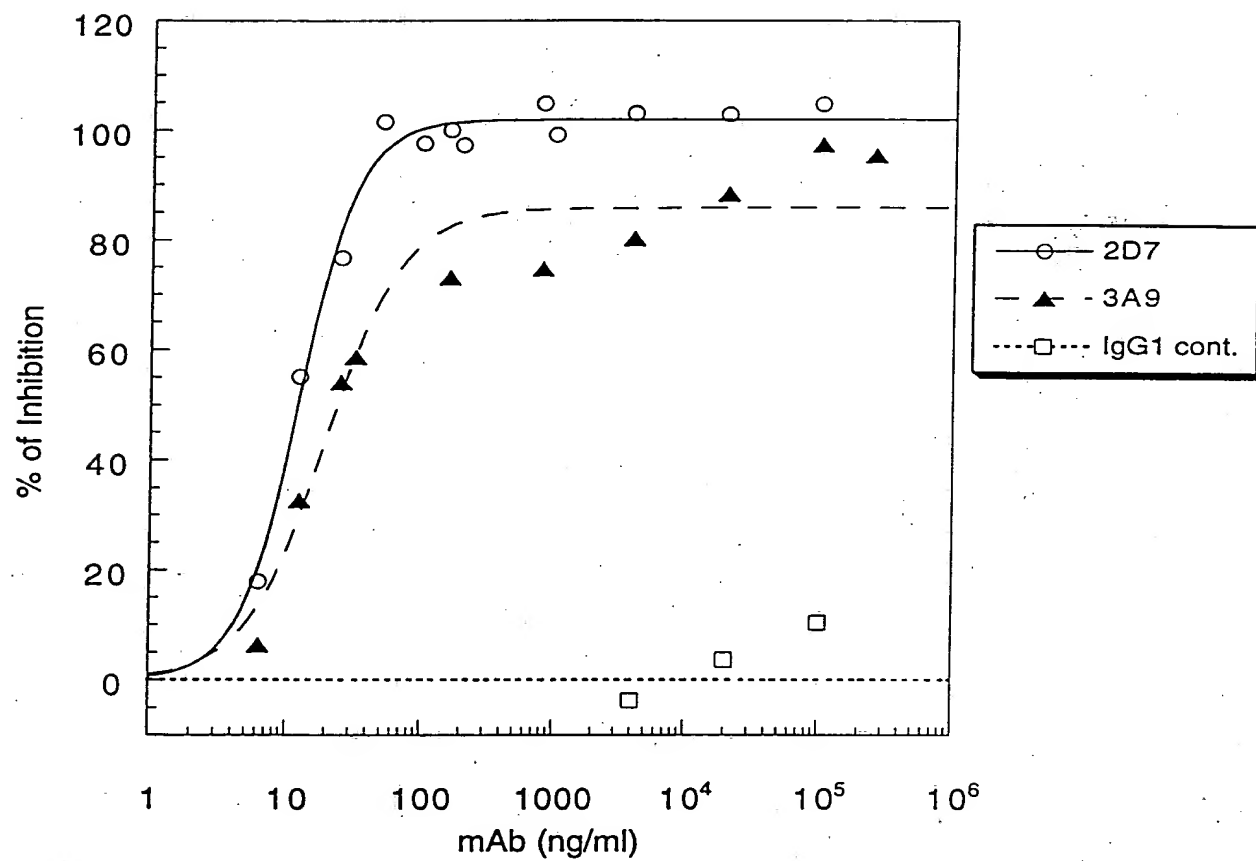


Figure 11A

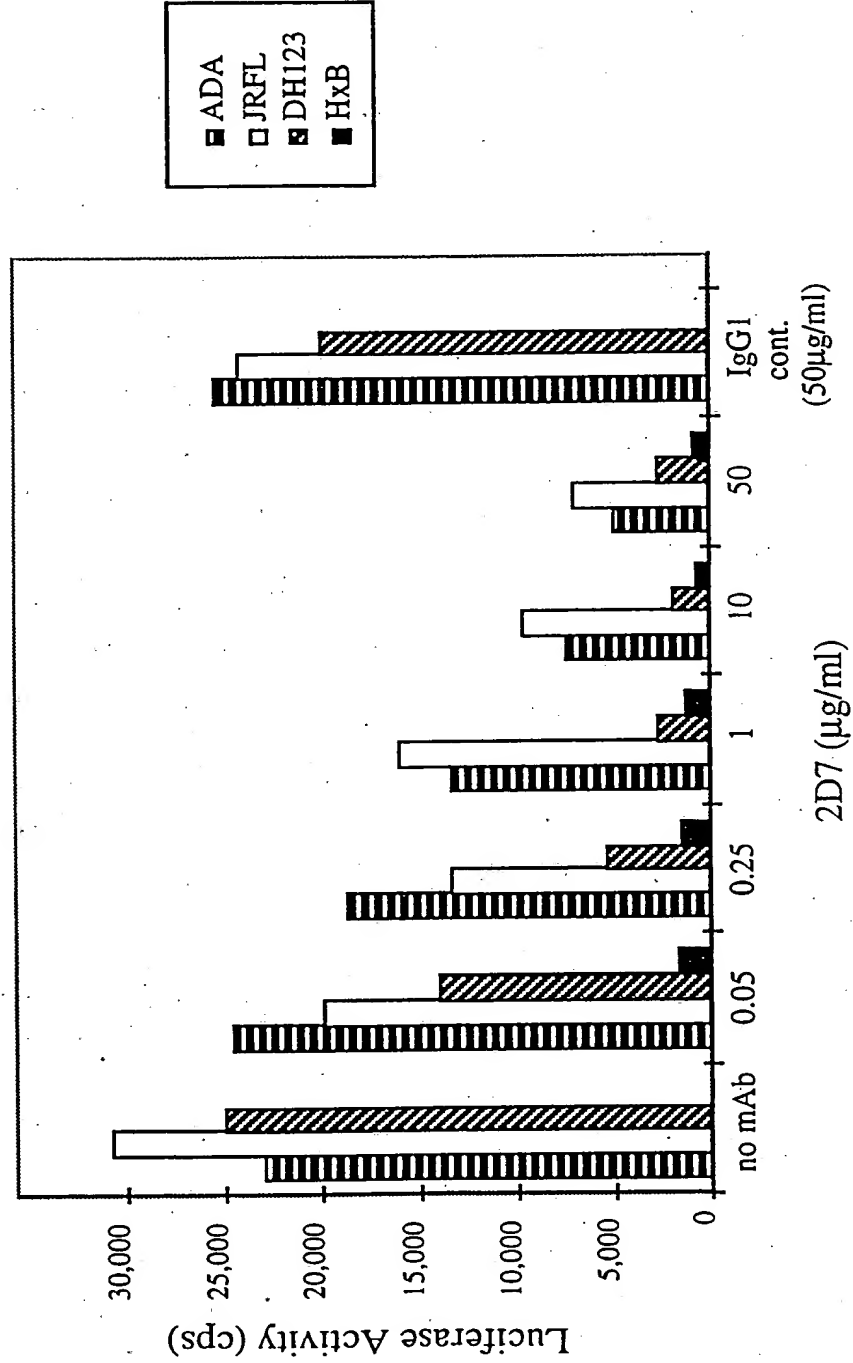


Figure 11B

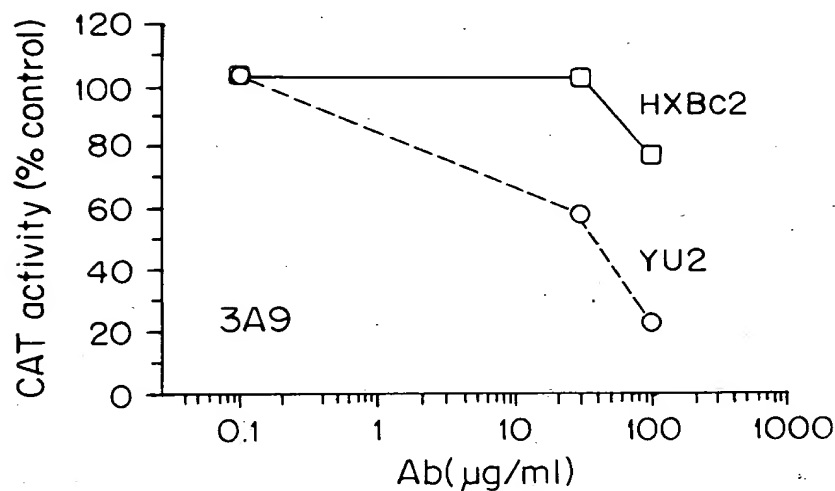


FIG. 12A

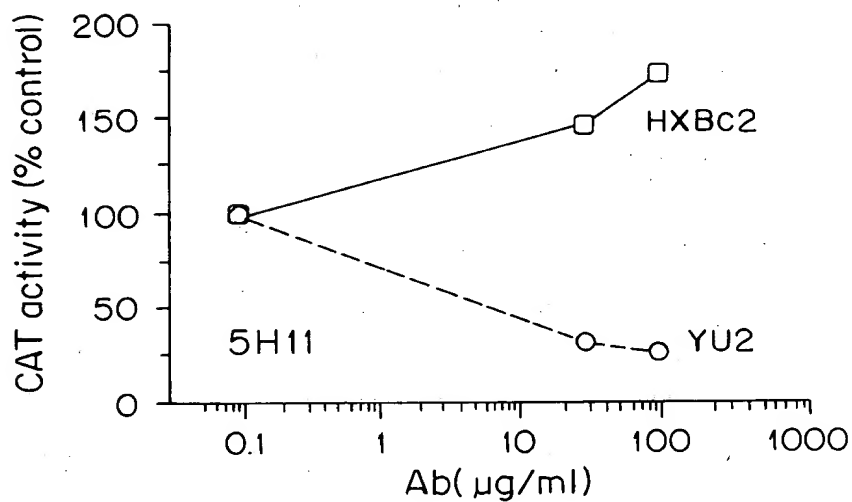


FIG. 12B

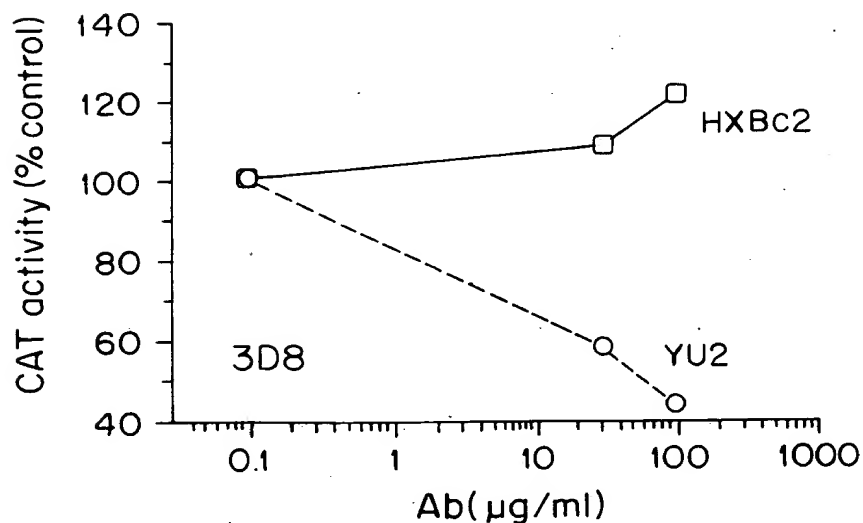


FIG. 12C

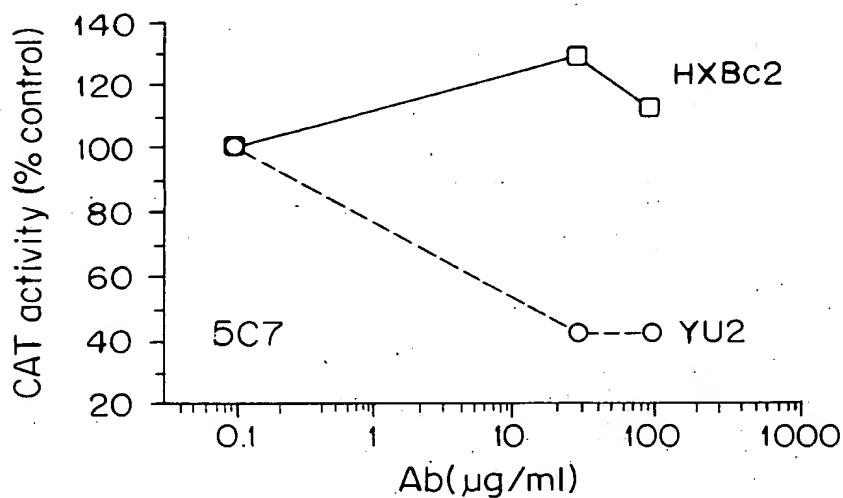


FIG. 12D

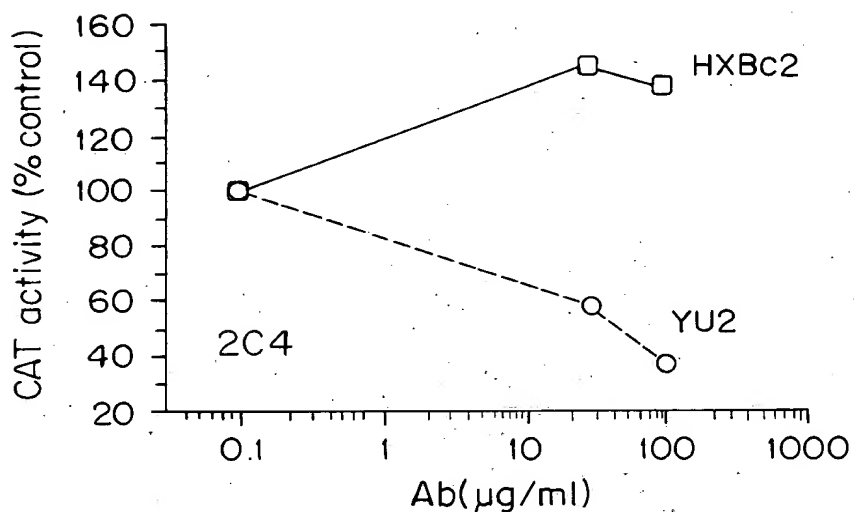


FIG. 12E

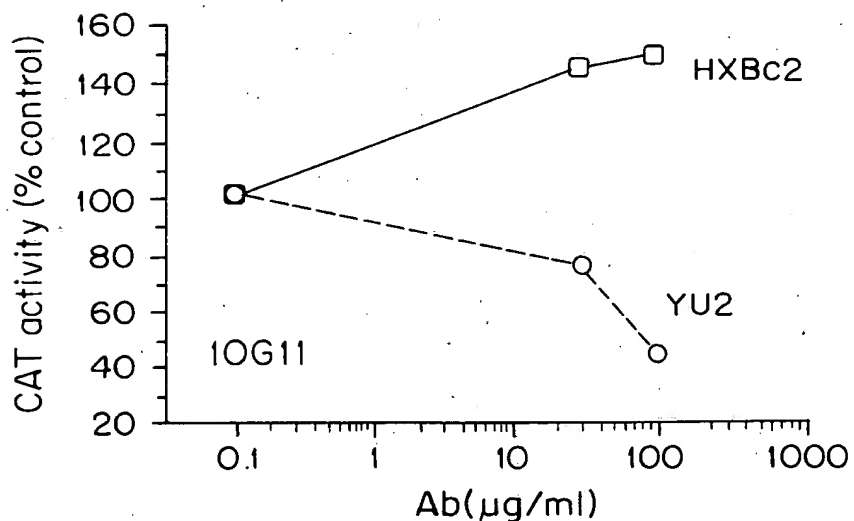


FIG. 12F